

Current Science, Vol. XXVII, 1958

Author Index

	PAGE		PAGE
ASADI, Z. H.	306	Bhat, J. V.	171, 253
Abhiswar Sen	341	Bhatnagar, A. N.	504
Abraham, A.	60	Bhatki, K. S.	439
Abraham, E. V.	410	Bhatnager, D. S.	495
Achuta Rao, A.	96, 345	Bhattacharjee, S. P.	401
Agarwal, G. S.	213	Bhavanarayana, P. V.	57
Agarwal, S. C.	107, 348	Bheemasankara Rao, C.	482
Ahilya P. Jagtap (Miss)	99	Bhide, V. G.	167
A. J. (Rev.) 108, 147, 188, 371, 315, 362, 507		Bhide, V. P.	499
Alladi Ramakrishnan	469	Bir, S. S.	146
Ambash, R. S.	445	Bose, M. N.	312
Ambika Singh	393	Brahmachari, H. D.	440, 486
Anantakrishnan, C. P.	255	B. R. S. (Rev.)	113, 189
Anantakrishnan, S. V.	438	Burundeb Banerjee	56
— (Rev.)	411	Butani, Dharmo, K.	182, 405, 453
Anantaraman, R.	390	Butany, W. T.	354
Anantharaman, T. R.	51, 238, 287		
Appala Raju, N.	482	CAMA, H. R. (Rev.)	71
Appa Rao, K.	397	Chakravarti, S. C.	32
Argikar, G. P.	183	Chanda, R.	102
Arora, B. K.	32	Charan Singh	502
A. S. (Rev.)	111	Chatterjea, J. N.	342
A. S. G. (Rev.)	504	Chaturvedi, R. K.	246, 392
Aswathanarayana, U.	13	Chaudhary, S. S.	409
Atal, C. K.	268	Cheema, P. S.	343
		Chinoy, J. J.	141
BABAT, G.	428	Chiranjivi Rao, K.	218
Babu Rao, M.	265	C. H. S. (Rev.)	411
Babu, S. K.	168	C. P. G. (Rev.)	225
Balakrishnan, K.	367		
Balakrishnan, M. S.	307	DAS GUPTA, S. K.	132
Balakrishna, S.	251, 300	Das Gupta, S. N.	448
— (Rev.)	271	Datta Gupta, A. K.	219
Balarama Murty, C.	249	Davis, T. A.	145
Baldev, B.	104	Dehadrai, P. V.	168
Bali, P. N.	405, 407	De, M. N. (Rev.)	36
Baljit Singh	393	Deodikar, G. B.	457
Balwant Rai Puri	53	Deshpande, R. C. (Rev.)	187
Bansigir, K. G.	436	Deshpande, W. M.	485
Bapna, K. R.	259	Devadatta, S. C. (Rev.)	112, 224
Baveja, K. D.	95	Dey, Arun, K.	244
Behera, B. C.	492	Dhillon, J. S.	95
Bhagavantam, S. (Rev.)	479	Dharampal Singh	491
Bhatia, B. S.	300	Dhakeshwar, B. V.	51
		Dhawan, N. L. (Rev.)	36

	PAGE		PAGE
Dikshit, P. K. ..	250	Jain, N. C. ..	97
Divakaran, K. ..	100	Jain, N. P. ..	20
D. J. B. (Rev.) ..	110	Jain, P. C. ..	340
Dronamraju, Krishna, R. ..	452	Jain, R. K. ..	394
Dutt, B. S. M. ..	501	Jain, S. L. ..	449
Dutt, N. ..	179	Janaki, I. P. ..	138
Dutt, S. ..	265	Jenardan Rao, Y. ..	490
Dwivedi, Rama Shankar ..	496	Jaya G. Iyer (Miss) ..	69, 220, 408
		Jayamma, H. R. (Shrimati) ..	170
FAROOQ, M. O. ..	489	Jayarajam, A. ..	41, 117
Fradkin, M. ..	195	J. C. D. (Rev.) ..	413
Francis, K. J. ..	138	Jhingran, V. G. ..	181
Freitas, Yvonne, M. ..	171	Joshi, A. B. ..	314
		J. V. B. (Rev.) ..	416
GANGULI, R. N. ..	179		
Ganguly, J. (Rev.) ..	188	KABADI, M. B. ..	337, 439
Ganapathi, K. (Rev.) ..	272	Kailasam, L. N. ..	433, 476
Ganapati, P. N. ..	57, 349, 394, 396	Kalyanam, N. P. ..	305
Garga, R. P. ..	493	Kandula Pampapathi Rao ..	99
George, J. C. ..	172	Kantam, S. K. ..	338
George, Joseph ..	22	Kappanna, A. N. ..	18
Ghosh, A. ..	401	Kapur, S. L. ..	245
Ghosh, A. K. ..	402	Karamchandani, S. J. ..	55
Ghosh, S. S. ..	136, 359	Kempanna, C. ..	181
(Rev.) ..	109	Khambata, S. R. ..	253
Ghosh, T. ..	67	Khandelwal, D. P. ..	242
Giri, K. V. (Rev.) ..	35, 223	Khan, M. Q. ..	89
Gopala Aiyar, K. V. ..	218	Khan, N. H. ..	306
Gopalachari, N. C. ..	212	Khanolkar, D. D. ..	296
Gopalakrishnan, S. ..	29	K. M. G. (Rev.) ..	223
Gopala Menon Sreekantath ..	18	Kohli, R. C. ..	266
Gopinathan Nair, G. ..	390	Konar, R. N. ..	216
Govindan, T. K. ..	451	Krishna Lal ..	136
Gupta, B. B. ..	219	Krishnamurti, K. ..	51
Gupta, C. M. ..	437	Krishnamurty, K. V. ..	397
Gupta, S. L. ..	392	Krishnamurthi, M. ..	332
Gurappa, K. M. ..	442	Krishnamurty, M. ..	444
		Krishnamurthy, S. (Rev.) ..	412
HALDANE, J. B. S. (Rev.) ..	460	Krishnan, V. R. ..	132
Hameedul Hasan ..	489	K. R. K. (Rev.) ..	109
Handa, K. L. ..	409	K. R. (Rev.) ..	224, 273, 462
Hariharan, P. (Rev.) ..	270	Krishnaswami, S. ..	351
Hariharan, S. (Rev.) ..	361	Krishna Pillai, V. ..	302
Hearmon, R. F. S. ..	10	Krishna Sastry, K. S. ..	181
		(Rev.) ..	319
INAMPAR, A. R. ..	170	K. S. S. (Rev.) ..	73, 150
Inderchand Baid ..	58	K. S. V. (Rev.) ..	33, 269
Inderjit Singh (Rev.) ..	112	Kulkarni, A. B. ..	254
Indra Sanghi ..	297	Kumar, L. S. S. ..	406
Israel, P. ..	309	(Rev.) ..	150
Iswaran, V. ..	341, 489	Kunte, N. S. (Mrs.) ..	94
Iyengar, K. S. ..	436	Kuppuswamy, S. ..	343
		Kurnosova, L. ..	195
JAGANNADHA RAO, K. V. ..	168	Kursanov, A. L. ..	87
Jain, H. K. ..	174	K. V. (Rev.) ..	70, 148
Jaipurkar, M. K. ..	312		

LA FO

Laksh

Lal, K

Lall, E

Lande,

Lekh I

Levitt,

Living

Loyal,

L. S. I

MADHA

Madha

Magar,

Mahad

Mahen

Malhot

Malhot

Mallik

Manda

Meena

Mehen

Menon

Menon

Menon

Menon

Merch

Merh,

Mishra

Misra,

Misra,

Misra,

Mital,

Mitra,

M. J.

Moghe

Mohar

Mohar

Moniz

Motw

Moud

M. S.

Muker

Mukh

Mukh

Murth

Murty

Murty

Muth

NAPDE

Nagal

Nagar

1958]

AUTHOR INDEX

iii

	PAGE		PAGE
LA FOND, E. C. ..	431	Nagarajan, K. ..	390
Lakshmana Rao, M. V. ..	396	Nagaraja Rao, K. R. ..	138
Lal, K. C. ..	387	Nair, P. P. ..	208
Lall, B. S. ..	399, 458, 503	Nambudiri, P. N. ..	350
Lande, Alfred ..	81	Nanda, K. K. ..	141
Lekh Raj Sharma ..	53	Narayanamurti, D. ..	22, 97, 266
Levitt, Leonard, S. ..	131	Narayana, R. (Rev.) ..	190
Livingston, R. L. ..	330	Nargund, K. S. ..	170
Loyal, D. S. ..	357	Narasimha Rao, M. V. ..	395
L. S. R. (Rev.) ..	273	Nariani, T. K. ..	302
MADHAVAN NAIR, S. ..	172	Natarajan, C. V. (Rev.) ..	73
Madhava Rao, B. S. (Rev.) ..	186	Natarajan, K. V. ..	454
Magar, N. G. ..	208	Natarajan, R. ..	312
Mahadeva Iyer, K. ..	266	Natarajan, S. ..	210
Mahendra Kumar ..	486	Nebe, W. ..	430
Malhotra, C. P. ..	351	Neelakantam, K. ..	482
Malhotra, S. K. ..	27	Negi, B. S. ..	359
Mallikarjunan, R. ..	299, 334	Negi, L. S. ..	213
Mandal, S. C. ..	458	Ninan, C. A. ..	60
Meena Rao, J. ..	343	Nirmala Chatterjee ..	98
Mehendale, D. D. ..	351	Noronha, H. D. (Rev.) ..	510
Menon, A. G. K. ..	450	N. V. (Rev.) ..	72
Menon, C. C. ..	245	PABPAI, PARAMJIT, R. ..	163
Menon, M. G. K. (Rev.) ..	147	Pal, N. L. ..	212
Menon, P. K. ..	233	Pandalai, K. R. ..	173
— (Rev.) ..	507	Pandit, A. L. ..	254
Merchant, J. R. ..	441	Pandya, N. S. ..	437
Merh, J. L. ..	96	Pandya, J. R. ..	437
Mishra, D. ..	356	Pant, D. D. ..	242
Misra, G. ..	64, 356	Pantulu, J. V. ..	497
Misra, J. N. ..	343	Paramasiviah, C. ..	346
Misra, R. (Rev.) ..	74	Parthasarathi, K. ..	218, 257
Mital, S. P. ..	314	Patel, A. J. ..	258
Mitra, S. N. ..	221, 512	Patel, M. K. ..	258, 494
M. J. N. (Rev.) ..	151	Patel, R. M. ..	410
Moghe, S. S. ..	410	Patel, R. P. ..	140
Mohammad Ali, S. ..	178	Patil, J. A. ..	358, 404
Mohan Rai ..	443	Patnaik, D. ..	243, 292
Mohanty, N. N. ..	492	Perti, S. L. ..	343
Moniz, L. ..	494	Pillay, P. P. ..	268
Motwani, M. P. ..	55	Prasad, A. R. ..	178
Moudgal ..	483	Prasada Rao, R. ..	431
M. S. S. (Rev.) ..	316	Prasad, B. N. ..	25
Mukerji, B. (Rev.) ..	508	Prem Murgai ..	105
Mukherji, A. ..	210	P. R. P. ..	129
Mukherji, N. ..	67	Puri, V. (Rev.) ..	417
Murthy, D. V. ..	89	Pushkarnath ..	214
Murty, M. S. ..	347		
Murty, Y. S. N. ..	161	RADHAKRISHNA, S. (Rev.) ..	459
Muthukrishnan, T. S. ..	138	Radhakrishnan, T. (Rev.) ..	459
		Radhey Shyam ..	491
NAFDE, W. G. ..	167	Raghava Rao, Bh. S. V. ..	167
Nagabhushanam, R. ..	394	Raghavan, R. V. ..	338
Nagarajan, S. S. ..	29	Raghupathy, E. ..	483

	PAGE		PAGE
Raghu Prasad, R. ..	302	Sampath, S. (Rev.) ..	335
Raina, P. N. ..	487	Sandbhor, N. V. ..	358
Raj, P. ..	456	Santappa, M. (Rev.) ..	70
Rajagopalan, K. S. ..	387	Sarada Subrahmanyam ..	15
Raja, N. ..	300	Saraswathy Royan (Miss) ..	400
Ramabhadran, G. ..	100	Sardesai, Kashinath, S. ..	209
Ramachandran, J. ..	474	Sarma, P. S. ..	483
Ramachandran Nair, P. V. ..	302	— (Rev.) ..	317
Ramachandran, V. ..	299	Sarma, T. P. ..	167
Ramachandra Rao, C. N. ..	330, 474	Sarojani Damodaran, A. P. (Miss) ..	176
Ramachandra Rao, H. N. (Rev.) ..	506	Satyanarayana, R. ..	296
Ramachandra Rao, L. ..	168	Satyanarayan, Y. ..	69, 220
Ramaiah, N. A. ..	246, 392	Satya Ranjan Sarkar ..	252
Ramakrishna, B. S. ..	376	Saxena, R. S. ..	437
— (Rev.) ..	363	Sayeduddin, M. ..	402
Ramakrishnan, C. V. ..	485, 487	Scaria, K. S. ..	172
Ramakrishnan, T. (Rev.) ..	318, 509	Sehra, K. B. ..	163
Ramamurti, K. ..	130	Sen, C. ..	446
Ramanathan, K. G. ..	95	Sen, D. ..	94
Raman, Sir C. V. ..	371, 421	Sengupta, P. N. ..	221, 512
Raman, P. S. ..	22	Sen, P. ..	132, 135
Ramanujan, R. A. ..	255	Seshachar, B. R. (Rev.) ..	415
Rama Rao, R. ..	390	Seshadri, T. R. ..	123
Ramaseshan, S. (Rev.) ..	460	Seshagiri Rao, T. ..	332
Ramaswamy, A. S. ..	390	Seshappa, G. ..	262
Rama Swamy, S. (Rev.) ..	411	Seth, B. R. (Rev.) ..	361
Ramiah, K. ..	340	Seth, Roshan Lal ..	244
Ramiah, N. ..	402	Shama Rao, H. K. ..	406
Ramji Sharma ..	410, 500	Sharan, R. K. ..	264
Ram Udar ..	23	Sharma, B. B. ..	304
Ranganathan, K. S. (Rev.) ..	37, 75	Sharma, B. K. ..	512
Ranganathan, S. K. ..	343	Sharma, O. P. ..	96
Rangaswami, G. ..	30, 176	Shearer, J. ..	198
Rane, A. T. ..	439	Shetty, B. V. ..	356
Rao, C. R. (Rev.) ..	315	Shinde, P. A. ..	499
Rao, G. S. ..	340	Siddappa, G. S. ..	300
Rao, K. S. K. ..	213	Singh, D. D. ..	53
Rashmi J. Shah (Miss) ..	441	Singh, K. P. ..	261
Rawat, V. S. ..	445	Singh, L. B. ..	211
Ray Chaudhuri, D. N. ..	402	Singh, M. P. ..	63
Richardson, E. G. ..	155	Singh, R. N. ..	161
R. K. M. (Rev.) ..	363	Singh, S. N. ..	54, 143, 211
R. N. (Rev.) ..	110	Singh, V. B. ..	23
Roy, B. R. ..	221	Sirsi, M. ..	390
Roy Choudhary, B. N. ..	214	— (Rev.) ..	149, 364, 417
Roy, R. P. ..	312	Sitanath Das ..	260
		Sivarama Sastry, G. ..	332
SACHAR, R. C. ..	104, 105	S. N. D. G. (Rev.) ..	225
Sadasivan, T. S. ..	49, 165	Somasekhara, S. ..	474
Sadgopal (Rev.) ..	365	Sowmini Rajagopalan, C. K. ..	30
Sahay, J. N. ..	247	S. R. (Rev.) ..	34, 74
Sahni, S. L. ..	264	S. R. (Rev.) ..	222, 316
Sahoo, B. ..	243, 292	S. R. K. (Rev.) ..	462
Sahu, G. ..	64	S. R. R. (Rev.) ..	34
Sambhu Lal Basak ..	101	Sreenivasan, A. ..	202

PAGE

335

358

70

15

400

209

483

317

167

176

296

220

252

437

402

172

163

446

94

512

135

415

123

332

262

361

244

406

264

304

512

96

198

358

499

300

53

261

211

63

161

211

23

390

417

260

332

225

474

30

74

316

462

34

202

PAGE

59

61

180

343

46

340

503

456

144

1

349

65

134

343

112

274, 318, 364

138, 214

138

448

209

168

447

94, 339

63

18

405, 407

495

351

338

457

388

20

498

281

269

28

327

Tiwari, M. ..

Tonapi, G. T. ..

T. R. G. (Rev.) ..

Trivedi, P. L. ..

VAGHANI, D. D. (Miss) ..

Vaidyanadhan, R. ..

Varadarajan, P. D. ..

Varma, P. M. ..

Varshney, I. P. ..

Vasudevamurthy, A. R. ..

Vasudevan, C. K. ..

Vasudeva, R. S. (Rev.) ..

Veda Moorthy, G. ..

Veeriah, K. ..

Velankar, N. K. ..

Venkatachalam, K. A. ..

Venkataraman, G. S. ..

Venkataraman, K. N. ..

Venkatasubba Rao, S. R. ..

Venkatasubramanian, N. ..

Venkateswarlu, P. ..

Venkateswarlu, V. ..

Verghese, C. A. ..

Verma, S. C. ..

Vijayakrishnan, K. P. ..

Vijayasaradhy, M. ..

Vishnu ..

Vishnu Swarup ..

Vishwa Paul ..

V. N. K. ..

V. P. R. (Rev.) ..

V. R. K. (Rev.) ..

WEINGAERTNER, E. (Rev.) ..

Wolfe, Peter, E. ..

YODH, G. B. ..

PAGE

503

133, 184, 352

71, 412, 413

20

388

54

448

302

489

389

31

511

309

298

451

337

306, 355, 454

389

303

438

296

482

18

177

350

218, 257

246

314

409

480

226

113, 414

461

283, 300

294

Subject Index

PAGE

397

487

71

317

71

108, 147

226

Advances in Protein Chemistry, Vol. XI

(Rev.) ..

Agriculture and Animal Husbandry in

India (Rev.) ..

Aircraff Hydraulics (Rev.) ..

Airphoto Geology, Advances in

Air Spora, Effect of Mowing Grass on

Constituents of ..

Akinete Formation in *Hormidium* (Kutz.)

Albomycin of Grisein ..

Alga *Corynomorpha prismatica* ..

PAGE

318

462

459

283

61

291

275

307

ABNORMAL Pollen Tube Development in

a *Nicotiana* Hybrid ..

Acetyl CoA Deacylase, Detection in Citric

Acid in *A. niger* ..

Advances in Carbohydrate Chemistry,

Vol. XI (Rev.) ..

— in Enzymology, Vol. XIX (Rev.) ..

— in Food Research, Vol. VII (Rev.) ..

— in Nuclear Engineering, Vol. I, II

(Rev.) ..

— in Pest Control Research, Vol. I (Rev.)

	PAGE		PAGE
Algae, Food and Oxygen from ..	465	Blood Meals of Indian <i>Culicoides</i> ..	132
All-India Congress of Zoology, 1958 ..	116	— Sugar, Determination of ..	486
α -Keto Acids, Studies in the Reactions of	441	Bonding of Bone Fracture with Plastics	322
Alternate Host Plants of <i>Chilo zonellus</i>		Books Received 37, 75, 114, 152, 190, 227,	
Swinhoe ..	405	274, 320, 366, 418, 463, 511	
Aluminium Soldering Simplified ..	115	Boric Acid, Fluorescence Reaction for	
<i>Anchoviella insulain</i> , Occurrence of ..	265	Detection of ..	482
Annual Review of Biochemistry,		Boron Rocket Fuels ..	314
Vol. XXVI (Rev.) ..	111	Botulism ..	78
Anodic Reactions in the Electrolysis of		British Association for the Advancement	
Acid-Cobalt-Fluoride ..	18	of Science ..	91
Anomalous Transmission of X-rays by			
Single Crystal Germanium ..	331	CAMERA that Locates Radioactivity ..	229
<i>Anomis sabulifera</i> Guenther, Effect of		Cancer Research, Salk's Contribution to	276
Insecticides on the Larvæ of ..	179	<i>Carapa</i> Spp., Occurrence of, in Peat Bed	
Antarctica is a Continent ..	192	near Calcutta ..	359
Antheridium in Characeæ ..	136	Carbon (^{12}C) as Reference Nuclide ..	385
Antibiotic Annual, 1957-58 (Rev.) ..	272	Cardiac Studies ..	38
—s in Whaling Industry ..	276	Carl Zeiss Jena ..	430
Anticline, Southerly Pitching, near		Carmine ..	323
Doddaguni ..	442	Carnegie Institution of Washington, Year-	
Antidote to Strontium ..	228	Book, 1956-57 (Rev.) ..	271
Aphids of Calcutta and Host Plant Fami-		Cell Functions, Levels of Organisation in	202
lies ..	402	Cellulose Decomposition by Species of	
Archæological Non-Corrosion ..	367	<i>Nocardia</i> ..	171
<i>Aristolochia bracteata</i> Retz., Chemical		<i>Cercospora</i> on <i>Blumea lacera</i> DC. ..	260
Examination of ..	168	Chemical Aeronomy ..	192
Arizona Meteorite Crater ..	326	— Aspects of Ecology in Relation to	
<i>Artemia salina</i> , Occurrence of ..	58	Agriculture (Rev.) ..	511
Ascorbic Acid in Germinating Seeds of		— Control of the Rice Stem-Borer ..	89
<i>Sesbania grandiflora</i> Pers. ..	343	Chemistry and Biology of Yeasts (Rev.)	318
Asexual Reproduction in <i>Characiosiphon</i>		— of Co-ordination Compounds, Sym-	
<i>rivularis</i> ..	500	posium ..	193
Astronomers' Congress ..	230	— of Natural Products (Rev.) ..	412
Atlas of Air-borne Pollen Grains (Rev.)	417	Chemotherapy in Bacterial and Viral	
— of the Skies, The New ..	325	Infections, Symposium ..	480
Atomic Radiation Dangers (Rev.) ..	411	'Chimera' in Tur (<i>Cajanus cajan</i> Millsp.)	358
— Reactor for India ..	228	Chromocenters and Nucleolar Equivalents	
<i>Attacus ricini</i> , Cuticle of ..	264	in the Yeast Nucleus ..	400
Award of Research Degrees 79, 193, 277,		Chromosomal Interchange in Pearl Millet	497
323, 420, 467, 516		Chromosome Number in <i>Chlorophytum</i>	
Azaserine II ..	116	<i>tuberosum</i> , Baker ..	406
BACTERIAL Blight of <i>C. tetragonoloba</i> ..	258	— in <i>Iberis umbellata</i> L. ..	405
— Diseases of Plants from Bombay State	494	—s of Dicotyledons ..	140
— Leaf-Spot of <i>Pennisetum typhoides</i> ..	30	—s of Pulmonate Snails, <i>Cryptozonia</i>	
Bacteriological Study of Toned Milk ..	252	Morch ..	311
Barbiturates, Aggregation of ..	132	—s of Two Common Weeds ..	367
BHC Resistance in <i>Musca nebulosa</i> ..	306	—s of Vitaceæ ..	358
Biological Replications of Macromole-		Clay Mineral Studies ..	198
cules (Rev.) ..	460	Cleaning of Glass by Ionic Bombardment	321
Birbal Sahni Institute of Palæobotany	420	<i>Clupisoma garua</i> , Feeding Habits of ..	55
Birefringence, Stress and Wavelength		Cobalt and Zinc Contents of Forage	
Dependence ..	436	Plants ..	220
Blight of Sesame Caused by <i>Alternaria</i>		Cobalt-60 to Convert Coal to Gas ..	473
<i>sesami</i> ..	492		

132	Coccinellid Beetles of Banyan Trees in Bihar	351	Dietary Requirements of the Hide Beetle	399
486	Coffee Leaf-Miner, <i>Agromyza</i> (<i>Melanagromyza</i>)	31	Discovery Reports—Sperm Whales of the Azores (Rev.)	225
322	Colchicine-induced Polyploids of <i>Alyssum maritimum</i> Lam.	407	Disinfectants, Their Values and Uses (Rev.)	413
227,	Cold Vaccine	38	Dislocations, Decoration of	336
511	<i>Coleus parviflorus</i> Benth.	448	Double Bond Reactivity of Unsaturated Fatty Acids	299
482	Common Medicinal Plants of Darjeeling (Rev.)	74	Dry Battery Receivers with Miniature Valves (Rev.)	188
78	Comparative Physiology of Nervous Control of Muscular Contraction (Rev.)	112	EARTH'S Structure, Geochemical Hypothesis	50
91	Compressional Velocities in Indian Rocks	251	Earthworms, Influence of, on Structure of Soils	213
229	Conductometric Studies on Copper Tungstates	437	Economic and Social Consequences of Automation (Rev.)	110
276	Conservation of Parity Law on Free Neutrons	85	Effect of Cortisone on the Concentration of Alkaline Phosphates in Uropygial Gland	401
359	Contact Stresses	368	— of Thyroxine on Phosphatase, etc., in Blood and Milk of Cow	102
385	<i>Coriandrum sativum</i> , Chemical Investigation of	388	Electrical Gas Discharges (Rev.)	110
38	Corrosion and Chemistry	153	— Resistivity by Ballistic Method	95
430	Cortisone, Effect of, an Alkaline Phosphatase	401	Electricity, Second Course of (Rev.)	34
323	Cosmetics: Science and Technology (Rev.)	365	Electrodeposition of Metal Finishing	39
171	Cosmic Rays, Studies of, with Earth Satellites	195	Electrolytic Etching of Tantalum	297
260	Cosmology	279	Electromagnetic Weighing	418
192	Cotton Seeds and Its By-Products, Symposium	323	Electron Exchange Resins—Organic Intermediates	515
89	Crystal Physics, Recent Soviet Work on — Structures (Rev.)	10	Electronic Device for Assessing Uranium Ore	513
318	— Structure of <i>L. tyrosine</i> Hydrobromide	187	Electron Phase Microscope	368
193	Cutworm Pest of Potato in Rajasthan	46	Electro-Refining Nickel, New Process	367
412	<i>Cycadopteris</i> sp. from Bihar	503	Electrophysiology of the Heart (Rev.)	150
480	<i>Cylindrospermum</i> (<i>C. sphaerica</i>), Effect of Molybdenum on	312	Elementary Particles, Masses of	131
358	Cytochemical Studies on the Termite Queen	306	<i>Emblica officinalis</i> , Gaertn, Chemical Examination of	206
400	Cytogenetic Studies in Indian Silkworms	56	Embryology of <i>Aerva tomentosa</i> Forsk.	105
497	Cytological Studies in <i>Fissideus elimbatus</i> — on Spermatogenesis of <i>Eyprepocnemis</i> sp.	457	Encyclopedia of Chemical Technology (Rev.)	271
406	Cytology of <i>Diplazopsis javanica</i>	312	End of a Wave	431
405	— of Fern Genus <i>Acrophorus</i>	98	Energetics in Biochemical Reactions (Rev.)	411
140	— of <i>Isaetes</i>	146	Entomogenous Fungus, Studies in	99
311	— of Two Species of <i>Salvinia</i>	177	Enzymic Browning in Apple	300
367	Cytoplasmic Male Sterility in <i>Psyllium</i>	60	Ergot of <i>Bajri</i> in Bombay State	499
358	— — — in Jowar	357	Estimation of Calcium in Sugarcane Juices	246
198		268	Etching of Fluorite	437
321		314	Evolution by Natural Selection (Rev.)	507
55	DACTYLOGYRIDS, Head Organ Patterns in Darwinism through Hundred Years	449	Explorer IV, for Study of Cosmic Radiation	481
20	Darwin Reader (Rev.)	233	FADING of Radio Waves	296
473	<i>Datura innoxia</i> Mill., Occurrence of	112	Film Formation, Film Properties and Film Deterioration (Rev.)	412
	Dielectric Breakdown Strength of Wood	394		
		25		

	PAGE		PAGE
Fire-Proofing of Jute	93	Grassland and Fodder Resources of India (Rev.)	319
Fischer-Tropsch Process	237	Green Jassid— <i>Empoasca</i> Sp.—on <i>Sesbania speciosa</i> L.	410
Five Million Atmosphere Pressure	465	Growth Checks in the Scales of Mackerel — of Spirals on Electrodeposited Silver	262 167
Flame Photometry (Rev.)	362	Guided Weapons (Rev.)	411
Flight Muscles of Birds, Structure and Physiology	172	HÆMOGLOBIN Components, Separation of	20
Fluorescence of Spectra of Uranyl Acetate Solutions	242	Haffkine Institute	280
<i>Formica fusca</i> L., Respiratory System of Queen of	352	Harvey Lectures, 1955-56 (Rev.)	149
Foundry Materials, Testing and Standardisation	369, 435	Heat of Wetting of Charcoal	53
Fourier Analysis and Generalised Functions (Rev.)	363	Heavy Minerals in the Cauvery River Sands	346
Free Radicals in Cigarette Smoke	207	Helium from Gas Mixtures	368
French Electronic Invention	77	Helminth Parasites of Donkey	456
Fructose-Glucose Relation in Sugarcane Fundamental Constants of Physics (Rev.)	257 269	Hepatic Flora of Mt. Abu	259
—s of Chromatography (Rev.)	70	High Energy Nuclear Physics, Conference	230, 294
—s of Immunology (Rev.)	72	— — — — (Rev.)	269
Fungistatic and Fungicidal Action of Mycostatin	176	— Resolution Raman Spectroscopy	1
Fungus Diseases in India, Symposium	323, 467	Homology of Pappus in Trichome Distribution	402
GAFFKYA Species from Indian Earthworm	253	How Television Works (Rev.)	507
Garcania Leaves, Condensing Enzyme in	485	<i>Hymenia fascialis</i> C., Pest of Sugarbeet Hybridization between <i>Mucuna pruriens</i> DC. and <i>Mucuna cochinchinensis</i> A Chev.	182 498
<i>Garra ethelwynnæ</i> , Cyprinid Fish from Eritrea	450	ICE-STORED Prawns, Free Amino Nitrogen Content as an Index	451
General Microbiology (Rev.)	416	Important Discovery on Nucleons	419
Genetics and Plant Breeding in South Asia (Rev.)	510	Inactivation of <i>Azotobacter</i> by Heat	341
Geochemical Survey Techniques	197	Indian Academy of Sciences	9
Geodesy and Geophysics, International Union of	13	— Aspergilli, Addition to	496
Geological, Mining and Metallurgical Society	323	— Botanical Society	79
Geological Society of India	323	— Institute of Science, Bangalore, Golden Jubilee	375
Geology of Adikmet Area	300	— Science Congress	45
Geophysical Exploration in the Coastal Belt of Madras State	476	— Society of Genetics and Plant Breeding	79
Geophysical Rocket	229	— Solanum Species	409
Geothermal Power	386	Industrial Research at General Electric (Rev.)	335
Germanium as a Catalyst	515	Information Theory and Applications	376
— Thermometers	514	Inheritance of Tiny-Leaved and <i>Alternifolia</i> Forms in <i>Cicer arietinum</i> L.	183
Germination of Tobacco Seeds	212	Inheritance Study in Wheat	404
Gibberellic Acid and Plant Growth	276	Insoc Report, 1957-58	516
Glossary of Indian Medicinal Plants (Rev.)	75	Insect Flight (Rev.)	189
Glutamic Acid Decarboxylase in <i>Fusaria Goniozus</i> Sp. Parasite of Stem and Root-borers of Sugarcane	210 178	— Incidence and Branching in Rice	309
<i>Gradusia chapra</i> , Allmentary Canal of	144	Institution of Chemists (India)	79, 369
Granite-Pakhal Relationship	490	Instrumentation for Gas Chromatography	76
		International Botanical Congress	420
		— Congress of Industrial Chemistry	277
		Introduction to Enzymology (Rev.)	509

Introductory Nuclear Physics (Rev.) ..	222	Mango Necrosis, Prevention of ..	446
Invertebrate (Rev.) ..	273	Marine Biological Station, Porto Novo ..	48
Iodine Content of Indian Fodder Plants ..	408	Marker Gene for Red Gram ..	100
Ion-Exchange, Recent Developments in ..	232	Maser, Quantum Hyper-Frequency Amplifier ..	117
Ionospheric Behaviour at 10 Metres Wavelength, Abnormal ..	332	Measurement of Colour (Rev.) ..	270
Iron and Steel Industry in India, Symposium ..	466	Mechanics of Real Fluids, Symposium ..	78
Isochromene, Synthesis of ..	342	Melting of Metals in a State of Contactless Suspension ..	192
Isotetes in Madhya Pradesh, Occurrence of ..	410	Methionine, Role of, in Malaria ..	390
Isopropyl-Noradrenaline in Human Urine ..	15	Methods of Biochemical Analysis, Vol. V (Rev.) ..	223
Isothiocyanates, Absorption Spectra of Organic ..	474	— of Enzymology, Vol. III (Rev.) ..	35
JAK WEEVIL, Occurrence and Life-Cycle of ..	214	Microtron ..	268
KINETIC Studies in Chromic Acid Oxidations ..	438	Microwave Absorption in Solids ..	41
Kinetochore Problem in Hemiptera ..	303	— Chemistry ..	514
Kit for Detection of Ghee Adulteration ..	420	Milk Yield and Udder Conformation, Selection of Buffaloes for ..	495
Kostanecki-Robinson Phenylacetylation of Orcacetophenone ..	20	Million Degrees Temperatures, How Measured ..	274
Krypton-85 and Diagnosis of Heart Disease ..	322	Molybdenum Content of Forage Plants ..	69
LABORATORY Manual of Batch Distillation (Rev.) ..	109	— Requirement of <i>Selenastrum westii</i> ..	454
Lady Tata Memorial Trust Scholarships ..	230	Monazite in the Charnockites of Visakhapatnam ..	347
<i>Lagenaria siceraria</i> Standl., Teratological Phenomenon in ..	211	Monsoons of the World, Symposium ..	129
<i>Lantana camara</i> L., Visits of Insects to Flowers of ..	452	Morphology of Ovule of <i>Zephyranthes citrina</i> Baker ..	501
Lattice Parameters of Hexagonal Cobalt ..	51	Mosaic Disease of Brinjal ..	302
Leaf Heteromorphism in <i>Sesamum indicum</i> L. ..	32	Moulds, Metabolites and Tissues ..	49
Leaf-Spot Disease of <i>Echinochloa colomum</i> Link. ..	96	<i>Mugil cephalus</i> Linnaeus, Seaward Migration of ..	181
Lectures in Immunochemistry ..	417	Mulching of Vegetables (Rev.) ..	273
Leukemias (Rev.) ..	414	Mustard Oil, Detection of, in Edible Oils ..	221
Life of Satellites ..	473	— as Adulterant, Detection of ..	512
Lightning Shock ..	12	NANGAL Heavy Water Plant ..	513
Lipid Depleted Adrenal Cortex in Molybdenum Fed Rats ..	208	Naphthalene as Deterrents for Snakes ..	512
—s, Their Chemistry and Biochemistry (Rev.) ..	188	National Institute of Sciences of India ..	79
Lipoprotein Cholesterol in Coronary Disease and Anæmia ..	163	Nature of Coal, Symposium ..	467
Lithium Developments ..	333	'Network' in Mammalian Neurones ..	27
Living Polymers ..	78	Neutron Cross Sections (Rev.) ..	223
Lobed Leaf-Mutant in Blackgram ..	191	Neurosecretory Cells of the Brain of <i>Hirudinaria granulosa</i> (Sav.) ..	350
Looking at Chromosomes (Rev.) ..	274	New Fossils from Madhya Pradesh ..	76
Low Temperature Physics Conference ..	116	— High Temperature Alloy ..	369
Lysine Supplemented White Rice ..	154	— Method of Analysing Cardiac Functions ..	77
Max Planck (Anniversary) ..	121	— Radio Communications System ..	78
MAGNETISM and Molecular Structure ..	296	— Stage in the Development of Astronomy ..	419
Magnetism (Rev.) ..	317	— Standard of Length ..	153
Male Sterility in <i>Crotalaria striata</i> ..	181	— Superconductors ..	432
Maleic Hydrazide, Effects of, on Rice ..	64	— Type of Reflexes ..	122
		<i>Nicotiana</i> Hybrid, Abnormal Pollen Tube in ..	397
		Nitrogen Content and Yield of Sugarcane Varieties ..	393
		— Fixation in <i>Azotobacter chroococcum</i> ..	489
		Effect of Humus on ..	489

PAGE	PAGE
Nitrogen in Host Susceptibility to <i>Piricularia oryzae</i> Cav., Role of .. 447	Perspectives in Organic Chemistry (Rev.) .. 71
Nitroparaffins as Substitute for Petrol .. 515	Petal Number, Regulation of .. 134
Nobelium, Preparation of .. 14	Petrological Investigations of the Rocks of Mohaud .. 168
Nobel Prize Awards for 1958 .. 427	<i>P. gallinaceum</i> in Chick Malaria .. 390
Nomenclature of Cell Strains .. 322	Pharmacognosy of Ayurvedic Drugs (Rev.) .. 37
Non-Ferrous Metallurgy .. 116	Phenazines (Rev.) .. 148
Nor-Pongamol from Pongamol .. 482	Phenolic Content of Sugarcane and Spontaneum Juices .. 218
<i>Notothylas indica</i> Kashyap, Patterns of Regeneration in .. 23	Photochemical Properties of Ni-Compounds .. 298
Nucleic Acids, The Chemistry of .. 123	Photolysis of Uranyl Oxalate .. 292
Nuclear Differentiation in Binucleate Pollen Mother Cells .. 174	Physical Conditions in Space .. 231
— Fuel Cycles, Symposium .. 466	Physiology and Pathology of the Kidney (Rev.) .. 73
— Spectroscopy .. 281	Phytoplankton Production, Dredging and .. 349
OBITUARY: Prof. M. Damodaran .. 130	Pillow Structures, in Ramagiri Schist Belt .. 444
— Prof. K. V. Giri .. 295	<i>Pinus roxburghii</i> Sar., Effect of IAA and Kinetin on Pollen Tubes of .. 216
— Dr. K. C. Pandya .. 435	"Pioneer" Used as a Repeater Station .. 464
— Prof. W. Pauli .. 481	Plant Chromosome Numbers, Index to .. 467
Occurrence and Inheritance of Telescopic Leaf-Sheaths in Sorghum .. 59	— Growth-Regulating Activity of IMSA .. 275
Oceanographic Congress .. 466	— Physiology, Indian Society for .. 193
Oedogonium (<i>Oe. randhaiwa</i> Sp. Nov.), a New Species .. 355	— Virus Serology (Rev.) .. 151
Oestrogenic Hormone from Clover .. 228	Polarization Studies on Chromate-treated Zinc .. 387
Organic Phosphates, Action of, on Cotton Bug .. 503	Polymerisation of Methyl Methacrylate by Hydrazine Hydrate .. 245
— Production in the Inshore Waters .. 302	Polystyrene as Thermal Insulator .. 464
— Tin Compound as a Crop Fungicide .. 368	Potassium Chloride from Sea Bitterns .. 420
Orobanche and Its Hosts, Root Relations .. 445	Potentiometric Determination, Dissociation of Gallic Acid .. 392
<i>Ortho-Para</i> Catalysis in Liquid-Hydrogen Production .. 286	Practical Guide to Plant Sociology (Rev.) .. 74
<i>Oryza brachyantha</i> A. Cheval et. Roehr., Variation in the Stamen Number .. 354	<i>Precis orithya</i> Swinhoe, External Anatomy of .. 453
Ovaries of <i>Linaria maroccana</i> Hook, Growth of .. 104	Pre-Soaking Seed Treatment with 2-Methylbenzimidazole on Rice Seedlings .. 356
Oxidative Decarboxylation of Alpha-Hydroxy Acids .. 22	Preserving Hard Wood with Oxy-Welding .. 514
Oxygen in Steel-Making, Some Applications of .. 334	Pressure Measurement in Vacuum Systems (Rev.) .. 361
PALLISENTIS (<i>Acanthocephala</i>), a New Species of the Genus .. 107	Prevention of Moss Growth in Concrete Races .. 76
<i>Parapenæopsis cornutus</i> , Kishinouye Occurrence of .. 351	<i>Procamallanus baylis</i> , 1923 (Nematoda) .. 348
Partial Parthenocarpy in the Genus <i>Luffa</i> .. 54	Proceedings of the Third Weed Control Conference (Rev.) .. 150
Particle Size Distribution by Centrifugal Sedimentation .. 192	Progress in Nuclear Physics, Vol. V (Rev.) .. 147
Parthenogenesis and Polyploidy in Mammalian Development (Rev.) .. 113	Propolis in the Prothoracic Spiracles .. 133
Peaceful Uses of Atomic Energy—Second Geneva Conference .. 230	Proventricular Structure in Cockroach .. 305
Pearl Millet, Lateral Bud Development in Pelagic Tunicates as Indicators of Water Movements .. 57	Public Health Administration Study Tour in U.S.S.R. .. 467
<i>Penitella</i> Sp., a New Pholad .. 394	Puzzle-Math (Rev.) .. 462
	Pyrethrum .. 275
	Pyrolysis and Ignition of Wood .. 22

	PAGE		PAGE
QUANTUM Chemistry (Rev.) ..	33	Semimicro Qualitative Organic Analysis (Rev.) ..	413
— Physics and Philosophy ..	81	Separation of Sols from Sol-Mixtures ..	51
Quinoline Derivatives, Synthesis of 4-Hydroxy-6-Sulfonamide ..	209	— of Thorium and Uranium by Ion-Exchange ..	94
RADAR with a Memory ..	513	<i>Sesbania grandiflora</i> , Proteins from the Seeds of ..	266
Radiation Effects in Solids (Rev.) ..	316	Sintering of Thoria ..	338
Radioactive Contamination of Food Crops — Sterilization of Insect Pests ..	516	Sir Dorabji Tata Gold Medal ..	154
Radio Bursts from the Sun, Origin of ..	241	Society of Theoretical and Applied Mechanics ..	86
— Isotopes Training Course ..	277	Soil Moisture Content ..	39
— Wave Propagation in the Ionosphere Polarization Curves for ..	161	Solar Energy and the Depth of the Earth — Radio Event ..	115
Raman Spectroscopy and the Structure of Simple Molecules ..	1	— — —, Vol. IV (Rev.) ..	129
— Spectrum of Pyridine N-oxide ..	340	Solid State Physics, Vol. III (Rev.) ..	222
<i>Rauwolfia serpentina</i> , Stem-Root of ..	448	— — —, Vol. IV (Rev.) ..	460
Reactive Intermediates of Organic Chemistry (Rev.) ..	70	Solubility Data and Formation of Complex System: $\text{AgCNS-NH}_3\text{-H}_2\text{O}$..	244
Recent Progress in Hormone Research (Rev.) ..	508	— of Phosphorus Oxychloride-Al. Chloride Complex ..	389
Reduction of Thorium at the Dropping Mercury Electrode ..	167	Solution Stability of Some Metal Chelates ..	337
Relativity and Space-Travel ..	327	Solvents (Rev.) ..	33
Resacetophenone Oxime in Spectrophotometry ..	439	Solvolytic of 1-Phenyl-n-Propyl Chloride ..	390
Resorcinol as a Reagent for Uranium ..	340	Sorel Cement as a Binder ..	443
— Dimethyl Ether, Substitution in ..	170	South Pole Snow Pit ..	38
Rice in India (Rev.) ..	224	Soviet Education for Science and Technology (Rev.) ..	479
Roasting Copper Concentrates ..	76	Space-Travel, Relativity and Sparrow as an Enemy of Locust ..	327
Rocket-Firing Contribution to Geophysical Year ..	159	Species Problem (Rev.) ..	502
Rolling of Strip, Sheet and Plate (Rev.) ..	187	Specific Heat of Wood ..	415
Root Inducing Substance in Groundnut Seeds ..	29	Spectroscopy, Symposium ..	97
Root-Knot Nematodes on Potatoes ..	214	Spermatogonial Chromosomes of Two Lizards ..	78
Roots on an Internode in Sugarcane ..	145	Spot Test for Nitrate Ion ..	504
R.W. Coefficient at Different Temperatures ..	210	Spotted Wilt Disease ..	274
SAFETY in Coal Mines, New Device for ..	465	Spot Variation in <i>Epilachna</i> , Inheritance of ..	154
— in Radiology ..	322	Sputniks Experiment with a Dog ..	458
— Techniques for Radioactive Tracers ..	270	Stacking Faults in Closepacked Metallic Lattices, Part I ..	166
Salinity Tolerance of <i>Etiopis meculatus</i> ..	99	— — — — —, Part II ..	238
Sal Wood from Mauryan Pillared Hall ..	136	Starch in Sugarcane, Estimation of ..	287
Satellite Anniversary ..	419	Statistics for the Social Sciences (Rev.) ..	218
School Course of Biology (Rev.) ..	190	<i>Stegana lateralis</i> V.D. Wulp as a Pest ..	315
Science in Eastern Europe: I ..	371	Sterility in Gram ..	138
— — — — —: II ..	421	Stomatal Types in Centrospermae ..	491
Sclerotic Disease of Hollyhock ..	304	Storage of Seeds (Rev.) ..	65
Scyphistoma Larvae, Occurrence of ..	396	Strategy of Chemotherapy (Rev.) ..	36
Sector-Visual Method of Electron Diffraction: The Molecular Structure of Tetrachloroethene ..	330	Streptomycin Dermatitis ..	364
Seed Content and Fruit Shape in Relation to Removal of Stigma ..	143	Structure Reports, Vol. XV (Rev.) ..	466
Seismic Exploration for Oil in Cambay ..	433	<i>Stylonychia pustulata</i> , Mating Types in Subcommisural Organ in Garden Lizard ..	315
		Sugar Constituents of Proceranin, Saponin Sulfonamides, <i>Annals of N.Y. Acad. Sci.</i> (Rev.) ..	395
		— Second Conference (Rev.) ..	173
			489
			112
			224

PAGE	PAGE
Sulfonyl Ureas and Related Compounds, Effects of in Diabetes (Rev.) .. 36	Transuranic Elements .. 419
Sulfur: A Possible Metallic Form .. 367	¹² C as Reference Nuclide .. 385
Sunflash Screened .. 464	Twistor .. 301
Super-High Pressures .. 418	ULTRASONIC Absorption Measurements .. 339
— Powerful Microscope .. 101	—s in Electroplating .. 78
Symposium of Anesthesiology (Rev.) .. 73	— Velocity in Solids .. 387
Synchronous Motors and Condensers (Rev.) .. 506	— Vibrations, Applications of .. 155
Synthesis of Tetrahydro Naphthacene .. 254	Ultraviolet Colour-Translating Microscope .. 191
Synthetic Diamonds .. 228	Uranium (IV) Oxyformate, Preparation of .. 243
— Geraniol .. 77	—, Thorium and Rare Earths, Separation of .. 229
TECHNIQUE for Isolating Pathogenic Cultures of <i>Pythium</i> from Soil .. 180	Using Free Radicals .. 153
—s for Measuring Protein .. 115	U. S. Atlas Missile .. 480
— of Organic Chemistry, Vol. III (Rev.) .. 461	VACUOLE and the Nucleus of Living Yeast .. 28
Technology and Academics (Rev.) .. 506	Variation in the Haploid Chromosome Number of <i>Corchorus sidioides</i> .. 101
Telephony via the Moon .. 464	Vegetable Oils, Symposium .. 230
Temperature and Salinity Structures of Bay of Bengal .. 249	Vegetation in Mars .. 77
— Dependence of Ultrasonic Absorption .. 94	Venoms (Rev.) .. 37
— of 5 Million Degrees .. 38	Velocity of Light .. 512
Tenebrionid Beetle, Response to Touch Stimuli .. 219	Virus Diseases of Plants in Madhya Pradesh .. 493
Terrestrial Magnetic Field and Cosmic Radiation .. 160	— Research, Vols. III & IV (Rev.) .. 165
Tetrachloroethene, Molecular Structure of .. 330	Viscometer, Compensated Moving Cylinder .. 18
The Mango (Rev.) .. 225	Vitamin A (Rev.) .. 34
Thermoelectric Cooling .. 369	Volcanic Eruption on Moon .. 512
Thermonuclear Energetics .. 428	Volumetric Analysis, Vol. III (Rev.) .. 109
— Energy, Controlled Release of .. 92	WATER Gap of an Unusual Origin .. 54
Theoretical and Applied Mechanics, Fourth Congress .. 420	— Waves (Rev.) .. 186
— Physics in U. S. A. .. 469	Weaning Period Prolongation and Weights of Rats .. 250
Three Steps to Victory (Rev.) .. 316	Wear .. 322
Thrombinogen, The Properties of .. 130	Weiss Domains, Direct Observation of .. 321
Thyroxine and Triiodothyronine, Influence of, in the Rice Moth Larvæ .. 483	Why Liquids Flow .. 516
Tip-rot of Mesta .. 67	Windscale, Accident at .. 17
Tissue Homotransplantation Conference Annals, New York Acad. Sci. (Rev.) .. 113	World Meteorological Organization to Study Tidal Waves .. 275
Tobacco Beetle <i>Lasioderma serricorne</i> Infestation of Leather by .. 343	Wuchererian Microfilariae in Human Blood .. 135
Tocopherol Content of Ghee .. 255	X-RAY Analysis of Rare Earths .. 191
Toxicity of White Oil .. 440	— Dangers Greater than Fall-out .. 465
Tracer Application for Organic Reactions (Rev.) .. 363	— Image Intensifier .. 275
— Atoms in the Study of Plant Life .. 87	— Induced Somatic Haploidy in Watermelon .. 63
Tracheal Concentration in the Abdomen of Coleoptera .. 184	— Microscopy and Micro-Radiography (Rev.) .. 459
Transactions of the Society of Rheology (Rev.) .. 361	<i>Xyleborus discolor</i> Bland., as a Pest .. 138
Transistor Thyatron .. 321	YEASTS (Rev.) .. 364
Transference Number in Barium Thiocyanate and Lead Nitrate .. 247	ZIRCONS from Granites of Mysore .. 96
	— in Nandi Granites .. 345
	Zoological Nomenclature .. 39
	— Research in India, Symposium .. 467

VII

PAGE

19

185

101

39

78

87

55

91

43

29

53

80

28

01

30

77

37

12

93

35

18

44

12

09

54

36

60

22

11

16

17

75

35

01

35

75

43

99

48

44

66

15

99

77